

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2042 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 15 2012

See axaff02042N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.76

Comments

Charge time for this ObsId remains at original value of 19.76 ks, although with the current processing the charge time would have been 19.73 ksec.

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High radiation levels resulted in a decision to safe the ACIS instrument at day 118/04:52 (Apr 28 12:52am). This safing terminated obi=1. The count rate increases starting about 4 ksec into this obi=1 observation and continues to increase until the safing action. This rise in the count rate is due to the high radiation environment. It might be wise to ignore the data between 4 ksec and the end of the observation for obi=1. This observation has been reprocessed so that the aspect solution correctly handles the instrument safing and maneuver activities at the end of the obi=1.

seq_num	600176	Sequence number
obs_id	2042	Observation id
title	THE EVOLUTION OF GAS EJECTION FROM MERGING GALAXIES	Proposal title
observer	Dr. Andrew Read	Principal investigator
object	ARP 270	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.46875	Observer's specified target RA [deg]
dec_targ	32.985	Observer's specified target Dec [deg]
ra_nom	162.44210956459	Nominal RA [deg]
dec_nom	32.954888095161	Nominal Dec [deg]
roll_nom	236.24484739163	Nominal Roll [deg]
revision	5	Processing version of data
ontime	19621.613626257	Sum of GTIs [s]
livetime	19373.152939804	Livetime [s]
ontime2	18809.716392979	Sum of GTIs [s]
ontime3	18881.017897472	Sum of GTIs [s]
ontime5	19618.331625998	Sum of GTIs [s]
ontime6	18803.23383458	Sum of GTIs [s]
ontime7	19621.613626257	Sum of GTIs [s]
ontime8	18952.319581106	Sum of GTIs [s]
l2events	346593	Number of level 2 events

